

# Rabbit anti-Rat IL-1 beta mAb

**Catalog No.:** RM17834

## Basic Information

**Catalog No.**  
RM17834

**Category**  
Elisa Antibody Kit

**Application**  
ELISA

## Product Information

**Ig Type**  
Rabbit IgG


**Purification**  
Affinity purification


**Endotoxin Level**

**Storage**  
Store at -20°C.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2um filtered solution in PBS with 0.05%ProClin 300,PH 7.4.

## Contact

 | [order@abclonal.com](mailto:order@abclonal.com)

 | [support@abclonal.com](mailto:support@abclonal.com)

 | [www.abclonal.com](http://www.abclonal.com)

## Background

The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine is produced by activated macrophages as a proprotein, which is proteolytically processed to its active form by caspase 1. The encoded protein plays a role in thymocyte proliferation and is involved in the inflammatory response.

## Immunogen Information

**Immunogen**  
Recombinant

## Cross-Reactivity

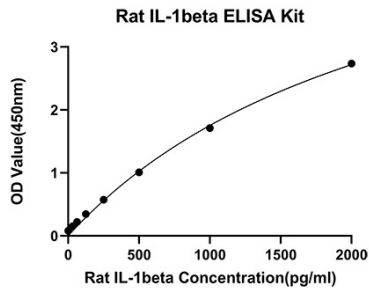
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## Assay Applications

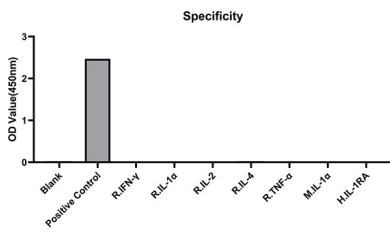
Rat IL-1 beta Sandwich ELISA

		Recommended Concentration	Sample
ELISA	Capture	0.5-4ug/mL	Rabbit anti-Rat IL-1 beta mAb(Cat. No.RM17833)
	Detection	0.016.5-0.066ug/mL	Rabbit anti-Rat IL-1 beta mAb(Cat. No.RM17834)
	Standard	31.25-2000pg/mL	Recombinant Rat IL-1 beta Protein

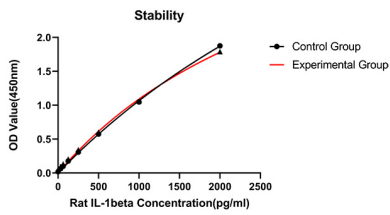
# Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.



From the comparison of the standard curve, it is found that ABclonal has high sensitivity.



Placed at 37°C for 3 days, the stability of the standard curve all conform to CV <10%.